

Datasheet for ABIN359592
anti-COG4 antibody (C-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	COG4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COG4 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human COG4.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to COG4.
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	COG4
Alternative Name:	COG4 (COG4 Products)
Background:	Multiprotein complexes are key determinants of Golgi apparatus structure and its capacity for

Target Details

intracellular transport and glycoprotein modification. Several complexes have been identified, including the Golgi transport complex (GTC), the LDLC complex, which is involved in glycosylation reactions, and the SEC34 complex, which is involved in vesicular transport. These 3 complexes are identical and have been termed the conserved oligomeric Golgi (COG) complex, which includes COG4. Synonyms: COG complex subunit 4, Component of oligomeric Golgi complex 4, Conserved oligomeric Golgi complex subunit 4

Gene ID: 25839, 9606

UniProt: [Q9H9E3](#)

Application Details

Application Notes: ELISA: 1/1,000. Western blotting: 1/50 - 1/100.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

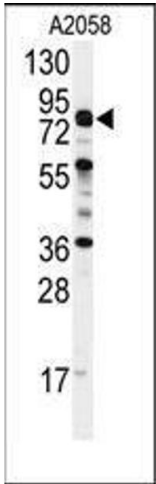
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of anti-COG4 Antibody (C-term) in A2058 cell line lysates (35ug/lane). COG4 (arrow) was detected using the purified Pab.